DOCUMENT RESUME

EA 031 143

ED 455 586

AUTHOR Shurtleff, Carrie; Pirinelli, Lisa; Staffenbach, Dennis; Burruano, Joe; Silver, Heather; Foster, Cheryl; Zastrow, Ann

TITLE Educational Technology Links for Administrators.

PUB DATE 2001-05-01

NOTE 44p.

PUB TYPE Reference Materials - Bibliographies (131)

EDRS PRICE MF01/PC02 Plus Postage.

DESCRIPTORS Computers; Early Childhood Education; *Educational Technology; Elementary Secondary Education; *Online Systems; Postsecondary Education; *Reference Services; *Resource Materials; *World Wide Web

ABSTRACT

This document is a reference collection of World Wide Web links to Web sites involving technology in education. Web resources are categorized into the following nine sections: (1) Publications/Journals/Articles; (2) Grants and Funding Resources; (3) Software/Hardware/Downloads and Demos; (4) Professional Development for Administrators and Technology Coordinators; (5) Curriculum Planning and Technology Integration; (6) Technology Planning; (7) Professional Organizations; (8) Acceptable Use Policies; and (9) Web Portals. Each resource is listed with a heading, Web site (URL), and short descriptive paragraph. Educational administrators can use this guide to locate and assess Web sites about educational technology. (RT)

ED 455 586

Educational Technology Links for Administrators

By:

Carrie Shurtleff, Lisa Pirinelli, Dennis Pfaffenbach, Joe Burruano,
Heather Silver, Cheryl Foster, and Ann Zastrow

State University of New York College at Buffalo

May 2001

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
EDUCATIONAL RESOURCES INFORMATION
CENTER (ERIC)

☒ This document has been reproduced as received from the person or organization originating it.

☐ Minor changes have been made to improve reproduction quality.

• Points of view or opinions stated in this document do not necessarily represent official OERI position or policy.

PERMISSION TO REPRODUCE AND DISSEMINATE THIS MATERIAL HAS BEEN GRANTED BY

C. Shurtleff

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

EA031143

BEST COPY AVAILABLE

Educational Technology Links for Administrators

Table of Contents

I. Publications/Journals/Articles
II. Grants and Funding Resources
III. Software/Hardware/Downloads and Demos
IV. Professional Development for Administrators and Technology Coordinators
V. Curriculum Planning and Technology Integration
VI. Technology Planning
VII. Professional Organizations
VIII. Acceptable Use Policies
IX. Web Portals

EA031143

I. Publications/Journals/Articles

American School Board Journal
http://www.asbj.com
This journal was founded in 1891. It offers advice to school administrators on many topics ranging from school governance, management, policy making, student achievement, and school leadership.

Benton
http://www.benton.org/
Benton is an organization that promotes the use of digital media to engage, equip and connect people to solve social problems. The site offers many articles that discuss communication issues such as Internet access, digital divide, and utilizing television to "mobilize and engage communities."

Collaborative Learning Using Guided Discovery On The Internet
http://ccism.pc.athabascau.ca/html/ccism/deresrce/icce95.htm
Researchers at Athabasca University in Alberta, Canada are discussing and developing a course, which will make use of the Internet. A key idea in the article is that of human factors - i.e. the study of what humans are able to do, learn, and recognize 'with the greatest facility.' In sum, it is the development of a system, which will attempt to be as 'sensitive' to as many of a person's social and psychological needs as possible. Looks like another 'AI' breakthrough!

Connecticut Association Of Boards Of Education
http://www.cabe.org/Docs/1997Tech/Cabtech.html
On March 8, 1995 The Connecticut Business Education Coalition and the Connecticut Association of Boards of Education released a report based on a survey of local public school districts in Connecticut. This is a beginning for technology coordinators to assess where the greatest need is and also to give an idea to other districts to begin their technology plans.

Distance-Educator.com
http://www.distance-educator.com/about.phtml
This site is split up into various areas, which include: Learners, Instructors, Managers, Designers, Policy Makers, Researchers, Evaluators, Program Providers, Hardware Providers, Software Providers and Telecom Providers. In addition to the links and information, visitors to this site can sign up to receive their daily newsletter.

Educational Technology
http://www.btinternet.com/~iberry/html/et.htm
This site is an awesome resource for administrators in all areas. The site offers helpful links for administrators in elementary, secondary, and higher education. It also has a section that lists categories of links dedicated to journals and online publications, educational technology, curriculum, associations, and conferences. It has a plethora of information and a very wide range of information helpful to any school administrator in regards to technology and other important issues.

Educational Technology and Society
http://ifets.ieee.org/periodical
This is a quarterly journal that discusses the use of technology in the classroom. The main objective of the journal is to identify the roles that we play in education today. The journal is very broad and covers a variety of topics. A few of the 20 topics covered include, Architectures for Educational

Technology Systems, Educational Multimedia, Human-Computer Interface (HCI) Issues, Methodologies for Development of Educational Technology Systems, Online Education, etc.

Educational Tech Will Be Hot in 2000
http://europe.cnn.com/TECH/computing/9905/14/edutech.idg
This site is CNN's take on educational technology. Educational Technology was the hottest topic in 2000. Technology is one of the leading investments in education today. Many experts believe that there is no limit to the possibilities in this field. They recognize the value of technology in the future of education for tomorrow's problem solvers.

Education week
http://www.edweek.org
This is a weekly publication dedicated to educational issues. The site has several tabs; the most beneficial to administrators being the Daily News, Hot Topics and State Info. The Daily News is updated daily. The Hot Topics gives information on issues from accountability to vouchers. The State Info allows you to get articles that deal with specific state educational issues.

Education World
http://www.education-world.com/a_admin/archives/all.shtml
This site offers information form everyone in education from administrators to teachers in the form of on-line articles. These articles are in chronological order by date and are filled with a plethora of information. There is a school administrators center section, an archives section, a message boards section where questions can be posted and answered, an administration resources section, sections split off into content, grade, subject and support.

Electronic School
http://www.electronic-school.com
Electronic School is a technology magazine for K-12 school administrators. It is published quarterly as a supplement to American School Board Journal. This website includes publication for educators who want to know more about how to use technology in the classroom. It includes feature articles and conference news.

ERIC Digests
http://www.educationplanet.com/search/redirect?id=45124&mfcat=/search/Education/School_Administration/Education_and_Technology/&mfcount=12
Guidelines for Computer-Assisted Reading Instruction ERIC DIGEST: is an interesting article that discusses computer use in education. It confirms that students highly benefit from computer instruction in reading and content areas. It explains that the ways in which educators use technology is the turning point. It is the effectiveness of teacher computer instruction that influences students. Furthermore it offers a list of guidelines for computers and reading.

ERIC Educational Technology
http://ericir.syr.edu/ithome/edutech.htm
This page has links to Educational Technology Associations both inside and outside of the United States. It also has various links to Ed Tech Journals and other Resources.

From Now On The Educational Technology Journal
http://www.fno.org/FNOMay93.html
This site offers several tools to assist district technology planners in developing the human resource development piece that has been missing from all too many district technology plans. These same tools may also help support district grant-writing efforts by providing an assessment tool to define

the adult learning needs of staff members in ways that will document a need for staff development programs. This site also offers surveys that can be given to staff that assess their technology usage level.

Globewide Network Academy
http://www.gnacademy.org
This site offers information on distance learning, student resources, teacher resources; availability of advertisement on their page, different projects offered by GNA, an open content area and open records project area.

Higher Education Technology
http://www.gtfhe.state.az.us/news/higher_ed_tech_report.htm
This site gives a comprehensive report on the economic impact of universities using technology to increase efficiency and raise the standard of learning. The site is only one long scrolling page with a table of contents linking to the rest of the document.

Improved Administrative and Operations Applications for School Districts
http://www.microsoft.com/education/planning/implement/isv/default_sch.asp
This site offers an in-depth, practical solution for school districts to follow when facing the problem of managing and operating their districts at optimal efficiency. This white-paper solution details insights for planning and implementing integrated administrative and operations applications.

IPL Reading Room Newspapers
http://www.ipl.org/reading/news
The IPL (Internet Public Library) is a newspaper search engine covering publications worldwide. Using this sites simple searches a user can easily locate any papers website.

International Society for Technology in Education
http://www.iste.org
This site is great for keeping up to date on what is happening in educational technology. There are various links from this site for teachers and administrators to use. This website is frequently updated, so you always have the latest news.

ITTE Publications
http://www.nsba.org/itte/publicat.html
This publication helps education leaders to meet the challenges of applying technology in schools. It was created in 1985. It also has online courses for educators to ensure the technology investment in schools improve student performance.

Magna
http://www.magnapubs.com/newsletters.html
This organization produces eight subscription newsletters for higher education, and holds a twice-annual National Conference on Student Services. It also publishes magazines for business and several other fields. The site gives descriptions of all newsletters and complete listings and coverage of current and upcoming conferences. Visitors to the site can subscribe to newsletters and/or receive free trial subscriptions.

MCREL Funding for Technology
http://www.mcrel.org/products/tech/technology/funding.asp

This site is a private not-for-profit organization whose purpose is to support improvement in education. They offer many publications for each subject area in K-12 education, a well as conducting research and evaluations to examine different policies and practices in education.

Practitioners Periodicals
http://www.uoregon.edu/~moursund/IT_Resources/tech/practicalperiodicals.html
The site has a list of journals on various technology topics. Some of these articles deal with online learning, electronic learning, and multimedia in schools. This is a great resource for teachers and administrators to use to find out about new and current topics.

Publishing in Education Journals: Technology and Administration
http://www.researchedge.com/news/adejourn.html
This document provides an annotated, hot – linked list of journals that publish articles about technology and / or administration in education. The site was created for the Arizona Department of Education. It contains over 50 links to online journals including Educational Administration Quarterly, Computers & Education, Curriculum Administrator, Educational Technology Research and Development, and Journal of Educational Computing Research.

School Administrator News
http://www.schooladministrator.net
A great site for administrators to get the "news of the day" in school administration as well as archived materials. All professionals need to keep current on what is happening in their field. This site is a place where administrators can find such information, and post their successes and pitfalls.

Summary Of NDUS It Plan Commonalities And Differences
http://www.nodak.edu/cio/update5/itplansummary.html
This is a summary of the goals and potential hurdles anticipated in the development and/or improvement of HECN, the name given to the network, which connects the colleges and universities of the North Dakota State higher education system. As usual, problems mentioned involve funding (or lack thereof) from various sources, government or otherwise, as well as support from staff and the feasibility/cost of increasing bandwidth.

Tech Learning
http://www.techlearning.com
The individuals behind techlearning.com are the producers of Technology & Learning magazine, SchoolTech Expo & Conference, and the Well Connected Educator Web site. They are journalists, former educators, parents, event planners, and supporters of advancing the integration of technology into schools and K –12 curricula. They offer you even more resources to help you use the power of technology in education.

Technology and Techniques for Effective Communication
http://www.presentations.com
Presentations.com is a free monthly publication that offers useful information to any administrator or faculty member about presentation equipment and/or techniques. Hard e-copies are available for distribution. This site offers detailed information on how to create, present and deliver effective presentations using the most current technology available. The site also has links to media-kits, which are available for download.

The Computer Tutor
http://members.aol.com/GayleG8198/index.html

This site is basically a big site of Links. The links are split up into sections, Searchable Educational Databases, Just PowerPoint, Special Request, Kindergarten through Sixth Grade links, Latin Links, Libraries, Museums, Teachers, Administrators and Assistants, Everyone links and Around the World links.

The Connected School
http://www.spmmag.com/tpmsite/welcome.htm
The Connected School: Catalyst to Parental Involvement - everyone talks about how great it is when school and parents can work together for the benefit of students. Here are some schools using technology to make it happen. I think you might be able to extract a few ideas from this site if you want to use the web as a link to parental involvement and communication. The biggest problem associated with the connected school would be "the digital divide." However, as we have seen with statistics, as more homes are equipped with personal computers, the reality of the connected school becomes more evident.

The Daily Report
http://yn.la.ca.us/drc/drc.html
This free publication will be emailed to you daily about national education technology trends. This automated service will send you a weekly news update on America's Education Goals and school improvement efforts across America from the national education goals panel. The root page of this site claims to be a safe-server for children who wish to participate in discussions and interactive learning activities.

The Educational Technology Journal
http://www.fno.org
This online journal has a wealth of information that deals with Educational Technology. Besides having monthly journals, you can search on the subject index for a particular topic. This index consists of Assessment, Change, Copyright, Curriculum, Grants, Information Literacy, Internet Policies, Libraries, Networks, Parenting, Research, School Museums, Staff Development, Technology Planning, Virtual Museums, Web Sites, and Web Design.

The Harvard Education Letter
http://hugse1.harvard.edu/~hepg/abouthel.html
This site is used primarily for grades K-12. Its primary focus is on new and creative ways of teaching these grade levels. It publishes a bimonthly newsletter and is read by over 80,000 school administrators, teachers and university faculty. The newsletter discusses current events in depth and provides a means of information shared across the globe.

The International Journal of Educational Technology (IJET)
http://www.outreach.uiuc.edu/ijet
IJET, The International Journal of Educational Technology is published twice a year to assist educators in the up to date information on educational technology. The journal is free to those who wish to subscribe to it. It provides access to quality journal articles.

Technology and Education Reform - Reasons for Bringing Technology into Schools
http://www.ed.gov/pubs/EdReformStudies/EdTech/reasons.html
This page is a summary of nine schools opinions and beliefs of why technology should be integrated into schools. Each reason is a separate link and offers ideas and supporting opinions of why that reason is effective for technology integration in schools.

The Technology Coordinator's Website: Administrative Computing
http://www.ac.wwu.edu/~kenr/TCsite/admin.html
This site is divided into three sections: Technology and education reform, Educational Management resources and issues, and Grants and funding to support technology integration. This site includes not only links to other sites, but also supplies information on where to find journals, magazines, books, and newsletters. This is important because although administrators should be technologically literate, not all administrators are up to speed, and many might be more inclined to use some of these resources because they can be found in other places besides on the computer.

The Virtual Reference Desk
http://www.vrd.org/
This informational site is dedicated toward being a "human-mediated, Internet-based information service"; it is funded primarily by the United States Department of Education. It contains searchable databases, sections for relaying questions to experts on the subject material, along with conference and publication listings.

Technology Circuits
http://www.nytimes.com/library/tech/00/08/circuits/articles/10gadg.html
The Modern Student: Batteries Not Included
This article alerts teachers and administrators of the technologies that are available and being utilized by today's students. It investigates students in Rohnert Park, California, who have entered school this year with a bag full of technology gadgets such as cell phones, pagers, CD players, graphing calculators, palm organizers and laptop computers. Teachers have mixed feelings on the technology, and this article discusses some of the pros and cons of each kind of technology that is being introduced into these students' environment.

Technology for Administrators
http://www.educationworld.com/technology/tec_admin.shtml
At this site administrators can find out information dealing with Funding, Standards, Safety and Training, and Equipment. There are articles offered on various issues. These articles cover issues on lab top computers for students, grants, and equipment for computers. At the bottom of the page you can search different states and learn their standards concerning technology.

Technology in the Schools: It Does Make a Difference
http://www.education-world.com/a_admin/admin122.shtml
This is an educational technology study from a West Virginia school that has discovered that the use of technology has increased the scores of K-6 students' reading, math and language skills. School officials had selected software, trained teachers in how to use the software to improve student learning, and an adequate amount of computers were provided for students use. This site also provides links to the Education World home page and School Administrators Circle. Administrators can keep up on the ever-changing technology and improve their schools and students.

Technology in the Classroom Forums Education
http://forums.nytimes.com/comment/index-education.html
Technology in the Classroom is a link off of the New York Times website. The New York Times has provided this site for educators to discuss technology in education. This site provides links to a variety of articles that were published in the New York Times about schools and technology. The articles that are given are in relation to the question stated in the forum. People are able to respond to others' statements or questions. This is a great way for educators to communicate strictly about technology in the classroom with other educators around the world/nation.

Telecommunications: Pre-service Applications
http://www.coe.uh.edu/insite/elec_pub/html1996/15teleug.htm
At this site you will learn that all telecommunications, from basic e-mail through the various Internet activities, are following the same path. As teaching and learning opportunities are rapidly appearing online, teacher education programs are realizing the importance of preparing teachers of today and tomorrow to participate in the global arena of the Internet. Each of the papers in this section describes the integration of specific telecommunications activities into pre-service teacher education classes.

Welcome to SyllabusWeb
http://w.syllabus.com
This is a magazine for educators on technology to enhance education. The site includes the syllabus newsletter, product guide, news and trends, and upcoming conference. Under the news and trends link, there are several interesting articles including one on the nasa space station science command post, with an active link to take a virtual tour of the command post.

Why in the World Wide Web?
http://www.fno.org/mar97/why.html
School web sites introduce visitors to the school, they offer opportunity to publish student's work, and they direct students and staff to appropriate web sites. Two years ago, it may have been enough to launch a Web site simply to be a presence on the Web. Many of these early efforts were a bit like Hollywood movie sets. They had large graphics but not much solid content. Today those same schools have shed those early efforts and moved dramatically toward one or more of the functions described in this article. They have begun emphasizing strong content at a local level combined with excellent information about the school and pointers to the best educational resources on the WEB.

Women in Educational Administration: Nine Case Studies
http://www.nationalforum.com/DORNeas.html
These article documents nine female administrators' stories of their world, qualities of leadership they felt important, and their perceptions of differences in male and female leadership styles. Participants were interviewed using a protocol designed specifically for this study. Implications based on the findings of the study are presented as they affect women in school administration, administrator training programs, college textbooks, hiring practices, and promotional decisions in the education world.

II. Grants and Funding Resources

AASA Issues and Insights (American Association of School Administrators)
http://www.aasa.org/issues_and_insights/technology/funding.htm
This site, the American Association of School Administrators, has a multitude of grants and funding resources for school districts and communities, including those for the promotion of technology in schools. Administrators need to be aware of sources of funding for technology in their districts as the advances in the field of technology far outpace the financial resources available to them to stay current. Sites like this will help administrators stay fiscally responsible while they expand technology and training within their school districts.

Council for Advancement and Support of Education
http://www.case.org
This site's goal is to bring in support in form of money, alumni loyalty, public esteem or new students by offering information resources and training opportunities for members. There is a description about the organization, description of member services, an online buyer's guide, a list of districts, an information resource area and a link for CASE in Europe.

eFunding Solutions
http://www.lessonplanet.com/e-funding.html
This site directs educators to all the available grants offered in their area. In addition, it offers insight on grant writing, proposals, etc. After typing In New York and Technology under subject, 8 pages came up on grants offered in this state alone. In addition, you can see what grants are available for content areas other than technology.

Information Technology Professional Development Funded by the Ministry of Education
http://www.itpd.org.nz/html/feedback.htm
This site is dedicated on how Principle Darryn Gray integrated Technology into his schools with funds from Ministry of Education.

Resource Guide to Federal Funding For Technology in Education
http://www.ed.gov/Technology/tec-guid.html
What good is technology you cannot afford? This site gives information on where to obtain federal money for your programs. The U.S Department of Education, Department of Commerce, National Science Foundation, and the Department of Energy to name just a few. There are ample possibilities to get federal money to fund programs that districts may use.

Technology and Young Children
http://www.techandyoungchildren.org
This site that describes educational practices, includes a technology information exchange, links for research, funding technology, and Internet tips.

Technology 4 Kids
http://www.technology4kids.com
Technology 4 Kids is a site that allows people to help schools receive free technology. A certain percentage of purchases made from technology4kids.com go toward a school that you can choose. The site offers items from well-known, brand name stores. Links are provided that explain how to earn free technology and provide information about technology 4 kids. This is a good site for administrators to advertise during the school year to parents and the community for the school to earn free technology.

Technology Innovation Challenge Grant Projects Home Pages
http://www.ed.gov/Technology/challenge/grants1.html
The Technology Innovation Challenge Grant Program, funded by the Office of Educational Research and Improvement, helps local communities meet the educational needs of their students through the development of new applications and creative ways to use technology for learning. Local communities are challenged to form partnerships of schools districts, colleges, universities and private businesses to accomplish their goals.

Technology Issues Links
http://www.worldtodiscover.com/administrators/technology.html

This site has different sections that are useful to administrators dealing with technology issues. On area is entitled "AASA: technology" and includes current news articles, professional development, grants and funding, and technology planning. Another section entitled, AOL@School: Technology has a number of resources relating to teaching and Internet safety. The site also has a direct link for administrators where they can learn about issues in addition to technology. Lastly, this site also contains a link to eMediaPartners, Inc. a company that helps schools be online and utilize the latest technology.

The Foundation Center Search Zone
http://fdncenter.org/searchzone/
This website is a resource that would be very beneficial to all people who are involved in education administration. Technology Coordinators, Superintendents, and Principals are likely to be required, and will want to, write grants to obtain both opportunities and funding for school projects. This website offers a vast database of grants that the user can search for previously written grants, places to find help in writing a grant, and places that are accepting applications for grants.

The Michigan Department of Education through a Technology Literacy Challenger Grant
http://www.wmich.edu/techcorps/assess.html
Technology Planning Assessment Instrument - This online Technology Planning Assessment Instrument helps planners identify how to improve the planning process and how to locate appropriate resources.

III. Software/Hardware/Downloads and Demos

Administrative Software
http://www.edunet4.com
EDUNET develops powerful school administrative software for today's Principles and technology coordinators. Their software is written to be user friendly, and since it is written specifically for schools, it can be used by large or small schools and is cost effective. It also offers an electronic library and employment opportunities.

Advanced screen capture software and AVI video capture & editor software
http://www.techsmith.com
TechSmith's tools let you take, edit and transform images, text, video and voice. You can use these tools to create in-house training videos for your school staff. Their DubIt adds audio in real-time as you watch the movie or image. The site includes downloads, support forums, newsletters and links to other software and shareware sites.

AutoDial Valet
http://www.autodialvalet.com
AUTODIAL VALET is an easy-to-use Parent Notification System that is used primarily by schools to notify parents of their children's absence as well as other general events.

Centers
http://research.cse.ucla.edu/
This site has links pointing to other pages reporting on research on reported by 12 national research and development centers. It has a search feature, and assessment area, an at-risk area, a diversity area, an early learning area, an English area, a gifted area, an adult literacy and learning area, a mathematics/science area, a reform policy area, a post secondary area, a reading area, a teaching policy area and an orei area.

Chariot Software Group
http://www.chariot.com/
Chariot Software Group creates testing and instructional management software. Chariot creates software and services for educators, and other markets that have distance-learning needs. They offer software called Micro Grade for grade keeping and management and Micro Test III for maintaining question banks and creating tests. They also sell Internet based testing software as well as Internet grade books, syllabi and quiz software.

Classroom of the Future
http://www.cotf.edu/mission/main.html
Classroom of the future shares believes that by appropriately utilizing techno-based curricula students have a far greater chance in advancing in school. Their curriculum development is involved in the areas of mathematics, geography, science, and technology and compliments the national educational reform movement. The curriculum materials include the knowledge of NASA and current research.

COSAdmin
http://www.cosadmin.com
COSadmin makes user management and access control for applications easier, more efficient, more secure and more controlled. Now you can quickly and simply add and maintain users from a single point of control and define access security restrictions for those users at the same time.

Easy IEP
http://www.softpubs.com/eiep.htm
The IEP (Individualized Education Program) is a software resource for administrators and teachers to reduce the cost and paperwork of running their schools. The site provides downloadable overviews of the software, FAQ's and other feedback from users in PDF (Portable Document Format). This requires Adobe Acrobat be installed on your system.

Edmin.com
http://www.edmin.com
This site offers an interesting software suite for administrators. Virtual EDucation is an Internet-based software suite that aids in the assessment of students by administering data and instructional practices. The software is designed to connect educational communities (State Education, District, administration, teachers, students and parents) through the use of the suite's tools: Calendar, Newsletter, Communications, Curriculum Standards, Staff Development, Meeting Manager, Assessment, and Technology Planning. There is a multimedia demo available to demonstrate the product.

Education Management Solutions
http://www.oaktree-systems.com
This page offers links to a variety of web sites on tech management systems for administrators. Many of them are designed to help with scheduling classes, checking course catalogs, reports, spreadsheets, and questionnaires for teacher evaluations.

Education World: School Administrators Center
http://www.educationworld.com/a_admin/
This resourceful site for administrators offers information from around the country focusing on administrative issues. A few of the many links are on funding, grant money, eInterviews, staffing, programs and leadership. In addition the site offers information on 57 administrative resources

including associations and organizations, education and technology, directories and indices, discussion and newgroups, education legislation, higher education, fundraising, etc.

EDUNET
http://www.edunet4.com/ED_MAIN.HTML
EDUNET develops school administrative software for principals and technology coordinators. EDUNET will provide a school with a specifically designed software program that will attend to the school's computer information needs.

Elmo – presentation perfection
http://www.elmousa.com
Description: Elmo has document cameras and overheads, multimedia projectors, desktop presenters, security and micro cameras. ELMO has the largest selection of visual presentation products anywhere (or so they say). They also have film-to-video converts. Their site includes products, news and events and support.

EthernetTV, Vbrick Systems
http://www.vbrick.com
This product can give the administrator ability to monitor or conduct real-time video conferencing within any school network. This technology utilizes any video source (DVD, CD, Camera, VCR) and streams TV quality video to an unlimited number of networked pc's. Administrators could reach large amounts of faculty and staff to conduct meetings without their faculty and staff leaving the buildings. According to the advertised price, this software and hardware combo may still be somewhat costly for the average school district. ($6,000)

Eschoolmall
http://www.schoolmall.com
This site permits school buyers to oversee all aspects of the procurement process. They can create budget reports, receive vendor quotes, negotiate contracts, make purchases, and track orders at this site.

Excelsior Software, Inc
http://www.gradebook.com/
Recent development of the Excelsior Grade book product has revolutionized the way schools will evaluate the Electronic Grade book system of the future. Excelsior is currently the largest company of its kind that is solely devoted to the development of Electronic Grade book products and accessories. This is an interesting product and seems to be at the leading edge of technology today.

Fortres Grand
http://www.fortres.com
This company provides robust and easy to use desktop security for personal computers. Their software can keep your computers from being tampered with by the students, and block some web sites. Their HISTORIAN software tracks computer use - record application usage, file access and operations, Internet Web page access, user activity, job costing information, and pages sent to a printer. There are links to the products, price list and support. All the product pages include screen shots, free downloads and educational discounts.

I-Drive.com – Your FREE personal space on the web
http:// www.idrive.com

This site allows you to store files on the Internet so you can access them from almost anywhere. They give you a free 50MB account. This would be very useful for students and faculty, as you wouldn't have to worry about bringing your floppies back and forth any more.

Macintosh Technology
http:// www.apple.com/education
This site provides administrators with software available for administrative uses. Making their school a digital one. An administrator can order iMACs for classrooms at discount prices.

Maplewood's Computing Web Site
http://www.maplewood.com
Maplewood is a software company that specializes in administrative programs. In addition to software advertisements, Maplewood also has links to various other sites that an administrator may benefit from. Maplewood also provides library software to automate your school's card catalog.

McLean Constultants
http:// www.mcleanconsult.com
Mail Administrator allows the manager of a post office access to important information that is not easily accessible or available at all! This tool will allow the manager to view and evaluate the necessary changes required to keep an efficient post office running. There is more effective software.

Mediatech, Inc.
http:// www.gomeidatech.com
Mediatech designs and installs smart lecterns and electronic classrooms. This is a great web site for a school just getting into the electronic classroom development. Their site includes not only products, but also software, spec sheets, white papers and client list. They have videos you can watch or pdf files you can download to get more information.

Multimedia in the Classroom using a TV Monitor
http://www.algonquinc.on.ca/edtech/mmclass.html
This site offers alternatives to multimedia presentations. The main focus is on the use of scan converters with television monitors instead of the more expensive projectors and screens.

National Center for Education Statistics
http://nces.ed.gov
The NCES responsibilities include collecting and analyzing data on American and international education. The site has resourceful links for data/access tools, conference/training, public school/ district locator, international education, IPEDS college opportunities on-line, Nation's report card, etc. Their fact category has additional information regarding early childhood education, elementary and secondary education, postsecondary education, and references.

NCPearson
http://k12.ncspearson.com/k12/school/home.html
NCS Pearson is one of the world's leading integrated learning companies. This site outlines the products and services offered by NCS Pearson, which include student, curriculum, and instructional management software, assessment instruments, technology designs for schools and businesses, and electronic testing and performance scoring.

NCS Pearson, Education, Testing, Assessment and Data Management
http://www.ncs.com/

NCS offers complete school administration software. The software is a complete package that includes attendance, grading, records, scheduling and archiving. Their software suite is cross-platform compatible with the ability to manage over 16 million students. This software suite by NCS should be a consideration for every school administrator.

Online Educational Delivery Applications
http://www.ctt.bc.ca/landonline
This site is designed to be a web tool for comparative analysis of online software for school districts. This Canadian based company analyzes several aspects of software design. These include tools and features, ease of its use, and technical specifications. It also updates company partnerships and name changes within the last few years.

Panasonic Broadcast Presentations
http://www.panasonic.com/presentations
The administrator can keep track of the latest in presentation technology. Panasonic offers the latest news about their projectors. Since this technology is changing rapidly, it would be necessary for the administrator to keep track of new innovations and changes regarding light books or projectors.

Power School
http:// www.powerschool.com
PowerSchool produces the highly-respected web-based student information system (SIS) that enables districts and schools to record, access, report and manage their student data and performance in real-time.

Rediker Software for Administrators
http://www.rediker.com/modules.htm
This software is a powerful school administrative software system used by thousands of schools in all fifty states and 67 countries around the world. The system is designed to quickly and efficiently manage your school's labor-intensive record-keeping tasks. The software's reputation for ease of use, reliability, and speed is very good.

SchoolWrite
http://www.ozemail.com.au/~dbates
School Write is software appropriate for administrators. The software allows you to access student data online or off line using any web browser. In addition the integrated database offers administrators the availability to work on and access payroll account, scheduling, report card writer package, past student information, future enrollment, etc. Administrators can also access free software on the web site. The Outcomes-based Reporting link on this page shows how teachers can meet the demanding end-of-term reporting needs of schools. It is very impressive.

SCT Corporation
http:// www.sct.com
SCT is an IT solutions company for education, government and a variety of private industry companies. The graphic on the left separates these different solutions. Just click on the "Education" for more information on education, which includes their industry vision, solutions, case studies and partner. SCT has software on connected learning, self-service, administrative systems and strategic services.

Schoolcruiser
http://www.schoolcruiser.com

This site offers a Web – based interface to all other applications used in the school environment, including administrative and financial systems, distance learning, and online courses. Teachers are able to post grades and create chat rooms for students. Parents and students can keep up with school assignments and grades.

School Write
http://www.ozemail.com.au/~dbates
School Write is a software programs that keeps full details throughout the student's school life: subjects for each term marks and comments for each subject discipline absenteeism positions held accidents & illnesses immunization status emergency phone numbers transport ticketing confidential family notes musical instruments & bands

Syllabus Web—Syllabus Press
http://www.syllabus.com
This site contains useful information on technology used to enhance education. It is very helpful and appropriate for students and teachers seeking information on the latest software, buyer's guides and workshops. It also features the latest news on school – based online programs and updates in educational technology.

Teach Space
http://educast.com
If educational resources are what you are looking for, this site is the place to visit. Here they have a wide variety of information and software to be downloaded for both Macintosh and PC users. The users include, family, kids, teachers and a store from which educational software may be purchased. There is an email address for questions and a 24-hour help line for any immediate problems with the site or it's activities.

The CEO Forum School Technology and Readiness Report
Professional development: A link to better learning
http://www.ceoforum.org/downloads/99report.pdf
This is a link to a report written on the development of computer integration into schools. The report is available in an online PDF format. The report champions issues such as how Schools of Education should prepare new teachers to integrate technology effectively into the curriculum, how current teachers should be proficient in integrating technology into the curriculum, how education policymakers and school administrators should create systems that reward the integration of technology onto the curriculum, and how corporations and local businesses should collaborate with the educational community to help ensure that today's students will graduate with 21st century workplace skills.

The Educational Technology Network
http://www.edutechnet.com
The Educational Technology Network offers educational software reviews developed by the Educational Explorations, Inc. All reviewers are professional educators, and the format Educational Explorations has developed eliminates much of the excess verbiage and enables the viewer to rapidly determine whether or not the software is a match for their needs. The site also includes an alphabetical listing of all of the editorial pages, which can be reached by following the links from the Table of Contents.

Win/Mac School Student Administrative System
http:// www.monroe.edu/techserv/winmac

Win School and Mac School are multi-user, server-based student information systems. Individual school buildings use integrated modules to maintain information on their student population. The relational database contains easily accessible information in the areas of demographics, conduct, attendance, scheduling, report cards, grade book, health and transcripts.

XanEdu.com – the ultimate learning destination
www.xanedu.com
This is a web site for creating and delivering courseware materials and tools (similar to Blackboard) for higher education. They also have online research products. "XanEdu.com has been designed as a multi-disciplinary destination web site, offering both core courseware content and tools for creating customized course materials." Research products are available to students for a fee. This provides the user with access to the dynamic content databases and extensive search tools of either the XanEdu™ Research Engine or XanEdu™ MBA Research Engine of their choice.

IV. Professional Development for administrators and technology coordinators

Administering A Keyboarding Course On The World Wide Web (The Georgia Experiment)
http://www.westga.edu/~distance/johnson21.html
This article is about a study done by professors at the University of West Georgia in terms of how effective a distance-learning course in keyboarding would be. Questions and issues attended to include the feasibility of such a course, how students' learning curves and styles could affect the effectiveness of such a course, and how (or at what schedule or pace) should the information and instruction be presented.

The Administrators Office
http://minot.com/~nansen/ed_admin.html
This site is broken down into sections and each section has to do with some sort of information administrators will find important. Regional Educational Labs, Administrative Associations, School Reform, Middle School, ASCD, Staff Development, Technology, Dept. of Ed., NSBA, General, Special Education, Grants, PTA, Odds and Ends and Gopher sites.

Administrators WWW Resource Page
http://www.csusm.edu/COE/admin-resource/index.htm
This website provides links to a lot of useful online resources about administration and education. The main categories includes "Reference and Research Sites", "Online Journals and Periodicals", "Professional Organizations", "Special Education Resources", "Technology Resources", "ESL Resources", "Government Resources", "Unions & Association", "Curriculum & Instruction", "Business Services", "Human Resources", "Legal Resources". Some links under these categories do not work. But this website is still a good tool which is easy for school administrators to get a lot of related information and resources regionally and globally.

American Technology Academy
http://www.ameritechacademy.org/app.pdf
A coalition of Michigan educational organizations will create the
Ameritech Technology Academy, an innovative program that will train Michigan K-12 teachers to use technology in the classroom. This program will create a core of 2000 education experts - called Ameritech Technology Scholars - who will work with schools to better integrate technology in the curriculum and use technology in a sustained and effective manner. This site would be a great resource for any school district looking to improve education through technology.

Becoming a Technologically Savvy Administrator
http://eric.uoregon.edu/publications/digests/digest135.html
This site provides an overview of important issues associated with effective integration of technology in schools that are relevant to school leaders. Some of the issues discussed are: what do administrators need to know about technology planning, what legal issues should concern administrators, how schools can obtain additional funding for technology, how administrators can support professional development, and a list of other related resources. The author, Joseph Slowinski, discusses that students, parents, businesses and communities are expecting the schools to teach students technology skills and include the integration of computers and the Internet. Also mentioned is the fact that 45 states have in place or are creating standards in the area of technology and some states already require a technology-related exit exam.

CCCOE's School Administrator's Web Site: Technology Coordinator
http://www.cccoe.k12.ca.us/admin/techcoor.htm
This is a general site for administrators to visit who may be starting implementation of school technology plans. There are a number of links to a variety of technology planning resource sites. Information about acceptable use policies, intellectual property rights, planning and implementation guides, and reviewing technology proposal forms are all included on this site.

Computer Education, Training, and Tutorial Resources
http://www.intelinfo.com/index.html
The site would help with staff development and training and would be good for a Technology Coordinator. There are over 250 free courses that could be used such as the Windows Suite, graphics, programming, and Web development

Critical Issues in Technology
http://www.ncrel.org/sdrs/areas/te0cont.htm
The following are the list of links on this website: Professional development for effective technology use, Using technology to improve student achievement, Developing a school or district Technology Plan, Ensuring Equitable Use of Education Technology, Using Technology to Enhance Engaged Learning for At-Risk Students. These links are could be very useful to administrators.

CUE, Computer-Using Educators, Inc.
http://www.cue.org
CUE is a non-profit organization that promotes the development and instructional uses of technology in the classroom from preschool through college. They support twenty-two regional affiliates and five Special Interest Groups, and present two national educational technology conferences each year. All of the CUE Conferences are held on the west coast! Membership fees are reasonable at $40 per year and have over 11,000 members. This organization seems to be similar to the NYSCATE organization here in NYS.

EdAccess
http://www.edaccess.org
EdACCESS provides support and networking for administrative computing staff at secondary schools and small colleges. Their goals are to provide professional development opportunities in administrative information technology and to engage our members in the discussion and interchange of ideas and resources pertaining to administrative computing and more. This is a valuable site for professionals wishing to expand their knowledge.

Education Internet Guide: Sources for Theory, Practice, Teaching and Research
http://www.library.usyd.edu.au/Guides/Education/

The Guide is intended for education administrators, policy makers, and researchers who want to know how to identify descriptive and statistical sources on education systems, their institutions, policies and programs, their human and financial resources, and the processes involved in their functioning. Features include: links to over 1,000 sites; all types of Internet resources; links to databases; a mix of USA, UK, Australian and Asian sites; searching tools for those beginning research on the Internet; sources of official information on education compiled by governments, and national and international organizations; and a broad range of topics relating to teaching and research interests in the Faculty of Education at the University of Sydney.

The Educational Technology Coordinator Website
http://www.nettech.org/tc/administration.html
This site is designed by and for individuals who serve in the challenging task of coordinating technology initiatives in schools. Technical training for Technology Coordinators as well as teaching staff is a primary subject at this site. There is a need to deal with the fact that training for technology far exceeds the needs of training for many other teaching areas, both in terms of cost and frequency of training. This site contains links to information on Administration Learning Communities, Interactive Multi – media & On-line learning, Workshops & Presentations, Technology Coordinator Forums, Journals, and Listservs.

Education World: School Administrators
http://www.education-world.com/a_admin/admin151.shtml
Education World (www.education-world.com) is a valuable on-line resource that helps educators use the Internet. It helps educators in lesson planning and classroom projects as well as in their own continuing education and professional development

Horizon
http://horizon.unc.edu
This site focuses on signals of change in the macro-environment that will affect the future of education. The origination was created to inform educators about the challenges that they will face in a changing world and steps they can take to meet these challenges. They strive to accomplish this mission by using the Horizon site. The Horizon mailing list (to which you may subscribe here) has seminars and workshops, conferences, and presentations to explore. To extend your thinking as an educational community about t he implications of a rapidly changing world and what we can do to make educational organizations and programs more effective in the future.

Hotlinks for School Administrators
http://miamisci.org/adminlinks

The InTech2000 Forum is a collaborative directory created by and for Florida educators. Educators across the State have added their ideas to their database. So, you still can get a lot of educational resource for the whole State, not just for Florida. Under the "School Administrator Hotlinks", it provides information about Curriculum Resources, Educational Policy and Research General References, Governmental Resources, Grant Information, Professional Development, Professional Organizations, Technology Resources, Add a Hotlink, Miami Museum of Science, Florida Department of Education, etc. Under these categories, this page also collects related information/Web links for school administrators.

Information and Communication Technology
http://easyweb.easynet.co.uk/~etfreedman/index.htm
This site can be summed up in two words " a lot." There are many pages that everyone in the educational atmosphere could benefit from. Check out the "Reduce the administrative burden page"

- very interesting. Although this site is based out of the UK, there are plenty of resources for all educators including various links and free utilities.

InTech2000 Making Technology Happen—Hotlinks for School Administrators
http://intech2000.miamisci.org/adminlinks/technology.html
This site contains a variety of technology resources. One particular site that I found useful to administrators is Institute for the Transfer of Technology to Education. This site contains tips and information of technology planning in schools. The site has planning sections that start as large as national and narrow down to state and then to city and district. The site also has an audio real player for planning mini-workshops. The main site also includes information on professional development, curriculum resources, and grant information.

Intigratingit
http://www.integratingit.com/School/index.html
This website is a great tool for administrators to use as an anchor for integrating technology into their schools. It lists strategies, solutions, and resources for allowing your school to "work in more open and collaborative ways." The site offers tips on how to structure computer labs for the greatest impact on students and teachers.

K-12 Administrators Place
http://administrators.net
This site has everything a grade school administrator will ever need. It contains many useful links; An Admin Chat board where administrators can share everyday experiences, feelings or frustrations; An updated Job Center offering the most recent jobs available by city/region; An Administrator Mail Ring or a fancy way of spelling out a listserv. This listserv is very useful for the novice administrator; Offers Live Meetings, held over the web by way of Teachers.Net. This allows for teachers/ administrators from around the world to interact.

K-12 Leadership: Administrator Resources
http://k-12leadership.com
This site contains training and developmental materials for school administrators. With programs from this site, school administrators can hone their leadership ability, improve staff interpersonal skills, build team effectiveness, train new teachers, and diagnose organization effectiveness.

Keystone Learning Systems
http://www.keylearnsys.com
This source can be useful for self – paced interactive computer learning. This site offers numerous computer certification courses (Microsoft), web developer tutors, and you can master basic and advanced computer networking skills with Keystone's power – packed learning courses. Also, and administrator has the option of learning the software skills for home or office. The entire site is based on offering the user several computer applications classes. These training systems are geared to propel careers.

Making Technology Happen
Hotlinks for School Administrators
http://intech2000.miamisci.org/adminlinks/professionalorg.html
This site provides teachers and administrators with a hot list of links that support the integration of technology in school and subject areas. Also, a link is provided where educators can explore and/or join various professional organizations. There are specific links for Curriculum Resources, Educational Policy and
Research, General References, Governmental Resources, Grant Information, Professional Development, Professional Organizations, and Technology Resources.

NAEP for Administrators
http://nces.ed.gov/nationsreportcard/admin/admin.asp
This site has specific state technology initiatives, but more importantly specific links at the bottom for administrators, principals, teachers, and policymakers. The administrator's link includes results from studies and assessments, sections on what is new in education, and national assessments.

National Center for Educational Statistics
http://nces.ed.gov
The NCES is the primary federal entity for collecting and analyzing data that are related to education. Administrators (and teachers) need to be well informed about the practices of other school districts and to innovative approaches to teaching. This site provides updated statistical information and surveys, which can show where educational practices are heading and which are producing results. The site's search engine is easy to use and provides a plethora of statistics and surveys. If you want to get a feel for what the world of education is thinking and heading toward, this site will provide that information.

The Principal's Corner Web page
http://www.rsd.edu/schools/jefferson/prin_corner.html
Jefferson Elementary School has its own web page. Within that web page the principal has a spot affectionately called the PRINCIPALS CORNER. This is where the principal communicates information with faculty, staff, and parents each month. This is a great way for a principal to open links of communication to those who have access to the technology.

Professional Development for K-12 Leaders
http://www.neirtec.org/prodev.htm
This site has information has under the following headings: Leadership Institute for Technology Integration and Online Workshops. The NEIRTEC Leadership Institutes for Technology Integration (LITI) are 2-day workshops that are offered in the winter and spring of 2001 in 4 different regions in the Northeast. Participants include school-based leaders, including principals, instructional technology specialists, library media specialists, technology and curriculum coordinators, and those responsible for program evaluation.
The Online Workshops are about 6-8 weeks long and can be taken anytime, anyplace with an Internet connection. These workshops allow the participant to share information, obtain feedback and interact with each other in online discussion forums.

Schooladmin.com-New Solutions in School Administration
http://www.schooladmin.com
This website provides information about technology in schools for school administrators. It provides technology integration tools for private independent and non-public school administrators and leaders, teacher training, consulting, curriculum development, online fundraising auctions, college office, etc.

School Administrators Technology Integration Resource
http://www.satir-ritas.org/default.asp?Lang=en
This Canadian Resource site contains quality staff development models to facilitate school based technology integration, and descriptions of successful practices. The site provides forums for collaboration with other schools and links to affiliated organizations. The content is provided in English and French.

Simple School Internet Protocol: A New Internet Protocol for K-12 Schools
http://www.cvu.cssd.k12.vt.us/k12tech/k12tech.htm
This site touts a guide for K-12 schools wishing to integrate information technology. It gives a fairly comprehensive overview of technical considerations when setting up information technology in schools and how to successfully plan integration of information technology, from coordinating planning committees and defining long range goals to training and support.

Tech4schools
http://www.techcorps.org/techs4schools
Tech4schools is a free online mentoring program and technology support community that connects school technology coordinators with industry experts who provide technology advice and support. Developed by TECH CORPS in partnership with Compaq.

Technology Coordinator's Resources
http://home.socal.rr.com/exworthy/tc.htm
This site contains a chock-full of information and links that are important and of interest to technology coordinators. It includes categories like virus and network security issues, Macintosh resources, Windows resources, and operating systems-hardware-troubleshooting. Very often tech coordinators do not know a lot about the "technical" part of running a network and rely on their schools' technicians. This website offers valuable information that tech coordinators could take the time to explore on their own.

Technology Leadership Institute for School District Administrators
http://www.lhric.org/lead/lead.html
This series of high-level briefings and seminars on emerging trends in technology and education is designed to facilitate decision making for school district leaders. The emphasis of these sessions is on topics that administrators need to know. There are links to "experts" in the field and schools that are implementing the technology that is discussed.

Technology Standards for School Administrators
http://cnets.iste.org/tssa/project_summary.html
This site is the stomping grounds for several links to various technologies, technologies for educational organizations. It hosts a coming of the minds on what technology should be mandatory in schools and the like. Through this site, members will meet to determine on a national level, what standards should be set.

TENET Professional Development Resources
http://www.tenet.edu/professional/profdev.html#technologyintegration
These sites offer a framework on how and why technology integration is crucial in education. It includes activities for students and provides research, development, and service to assist in the transformation of schools. The site also contains a host of valuable links that connect to various higher institutions of learning.

T.H.E. Journal Educational Technology Conferences
http://www.thejournal.com/conferences
Teacher, administration, and staff participation and attendance at local and national educational technology conferences is increasingly more important as we build technology rich learning environments for the 21st Century. The information, which follows, provides conference data that will allow you to choose those that best meet your needs. This site provides you with the ability to choose shows based on your location, target audience, attendees by job responsibility, and show size. You also have the ability to link directly to the show site and send email to the conference managers.

TSSA Resources
http://cnets.iste.org/tssaresource.htm
This website provides important resources for development of technology standards for school administrators. The resources represent current thoughts from educational publications regarding what administrators should know about and be able to do with technology and what leadership qualities facilitate use of technology in schools to improve student learning. They have been used at the TSSA Forum meetings as pre-reading material for those participating in the development of a national consensus on technology standards for school administrators.

Using Synchronous Multi-User Internet Programs For Teaching English As A Second Or Foreign Language
http://www.w-angle.galil.k12.il/red/etninews/issue3/feature2.html
This article focuses on the use of certain software technology to aid in the teaching of English as a Foreign or Second Language in classrooms. Various types of systems are illustrated, but the one known, as MOO seems to receive the 'highest marks' because of the fact that it creates a context in which the learning takes place as opposed to mere 'on-line dialogue.' Enough resources, like memory and hardware specifications, are needed for this object-oriented program to be run within a school properly.

V.	Curriculum Planning and Technology Integration

Center for Improved Engineering & Science Education
http://njnie.dl.stevens-tech.edu
This site offers information on classroom projects, educational links, Internet safety, Internet tools, workshops, has a mailing list one can join and offers on-line grad courses. It also offers information on several programs: Alliance, IKE, IMATT, K-12 Partnership, NASA, NJNIE, NJSSI, School Online, ScienceLink, Workforce and Time. Site gives up-to-date information on current events and is available in Spanish.

CEO Forum on Education and Technology
http://www.ceoforum.org
This forum offers the School Technology and Readiness Chart, a Web-based assessment tool that allows K-12 schools and colleagues of education to evaluate their level of technology readiness. After completing a multiple-choice questionnaire, users get instant feedback on setting benchmarks and goals, applying for grants, determining funding priorities, and creating individualized assessment tools.

College of Education K-12 Outreach
http://ed-web3.educ.msu.edu/outreach/k12out/default.htm

The current focus for The Department of K-12 Outreach Program is the integration of technology in education. The objectives for Outreach programs are learning how to meet student needs and increase student achievement. Outreach also understands the importance for higher education institutions and k-12 schools to continue their open lines of communication. The site also has a summer institute for superintendents. Conferences are also available for teachers who are interested in becoming Secondary administrators.

Computers in the Classroom
http://www.groton.k12.ct.us/mts/mtsint1.htm
This site provides resources on exploring the impact of technology in K-12 education, focusing on how it changes learning achievements. It is composed of a single scrolling page of links to related material accompanied by a brief description of each.

Computers, Teachers, and Peers
http://www.clp.berkeley.edu/CLP.html
Computers, Teachers, and peers, is a site that contains assessment tools and videos for teachers and student in the 6 - 12 grades. This site offers definitions and examples of different types of learning sciences including visual, accessible, learning from others, and foundation methods of teaching using technology. There is a book to purchase to go along with the website.

Consortium for School Networking (CoSN)
http://www.cosn.org
This is a non-profit organization formed to further develop the use of telecommunications in K-12 education; including newsletters and legislative information. It offers a variety of workshops that focus on examining the implications for Internet use in K-12 classrooms from the school district, state, and national perspectives.

Cooperative Learning Network - Teaching Resources
http://home.att.net/~clnetwork/
This is a place to share thoughts and get ideas on cooperative learning. It has a description of different cooperative learning structures, an explanation of creating teams, ways of teaching social skills, seating assignments and even class management ideas. This is a great site for novice teachers or anyone needing direction in cooperative learning.

Creating A School Web Site
http://www.naesp.org/comm/p0100b.htm
This site gives good information for schools to build their own web sites with advantages and disadvantages and how to get started. The main advantage is communication. Disadvantages are copyrights, protecting students, updating, and getting visibility. Even though the disadvantages seem to outweigh the advantages. The advantage of creating a school web site far supersedes all the disadvantages combined.

Division of Technology
Instructional Media and Training
http://www.pen.k12.va.us/VDOE/Technology/imt.html
This site has a director, five instructional technology specialists and two administrative support personnel staff IMT. Each member of the Office of Instructional Media and Training has an area of expertise. In addition, each member is also involved in disseminating information on emerging educational technologies to local school divisions via both Richmond-based and regional meetings, teleconferences, a Web site and a statewide educational technology leadership conference, creating

staff development training models and providing training and consultant services to local school divisions.

Education World
http://www.education-world.com
This site was created in 1996, and was created to make the Internet easier for educators to use. Here teachers can gather and share ideas. They can find very useful lesson plans and research materials. It also has a search engine for education web sites only. This is very useful because teachers can find specific information without searching the entire Internet.

Educational Technology Integration
http://www.sun-associates.com
Sun associates offers assistance and guidance to educational organizations such as schools, districts, and states as they seek the successful integrations of technology into their teaching and learning environments. This site is to provide the up to date information, the expert training, and the strategic assistance necessary for educators, administrators, students, and parents in order to get the most out of what technology has to offer.

Educause
http://cause-www.colorado.edu
This site helps identify technology through education. It provides a means for conferences and seminars along with on-line registration for all programs offered. It contains an on-line resource library, a member directory, events calendar any current issues along with any campus computing projects out there. This site also offers a link defining Administrative Experience and evaluating technology within an education system.

Federal Resources for Educational Excellence
http://www.ed.gov/free/index.html
On April 18, 1997, the President asked Federal agencies to determine what "resources you can make available that would enrich the Internet as a tool for teaching and learning." In response, more than 30 Federal agencies formed a working group to make hundreds of federally supported education resources available at this web site. Hundreds of education resources supported by agencies across the U.S. Federal government are now easier to find.

Freedom Scientific
http://www.freedomsci.com
Freedom Scientific is a company dedicated to creating innovative assistive technology products and solutions for persons with disabilities. With school districts heading closer and closer to full inclusion this site offers new technologies (for purchase) that will help students with various disabilities utilize computers. The site highlights technology aimed at aiding the education of the visually impaired. The site offers multimedia downloads that describes their products and how to utilize them.

Idea Practices
http://www.ideapractices.org
This site is dedicated to answering questions about IDEA (Individuals with Disabilities Education Act). The site offers updated news about IDEA, the actual laws related to IDEA, ideas for alternative assessments, and propositions to help schools to help meet IDEA's goals.

InTech2000
http://intech2000.miamisci.org/adminlinks/index.html

This site's primary goal is to promote and encourage technology. They have a wide range of variety. Their links include curriculum resources, educational policy and research link, a general references link, a governmental resources link, a grant information link, a professional development link, a professional organizations link and a technology resources link.

The Interactive Classroom
http://www.interactiveclassroom.com/services.htm
The Interactive Classroom is a private educational consulting firm. They aim to provide staff development services for teachers of grades 5 and up. In addition to seminars and staff development services they offer a specific curriculum program for history.

Integrating Information Technology for the Classroom, School, & District
http://www.integratingit.com
Integrating IT provides the education community a place to find real world strategies, solutions and resources for integrating technology into the curriculum. This site is organized by the following categories: classroom teachers, school administrators and the district administrator.

Introduction to Internet Resources for K-12 Educators Part I: Information Resources
http://ericir.syr.edu/plweb-cgi/obtain.pl
This site gives helpful web sites for lesson plan ideas and Internet projects in the classroom. I found particularly useful, information on Keypals, which is an intercultural e-mail classroom connection. Web sites are also given for assistance with grant information, state education department and government information. These are helpful sites for administrators and for recommending to teachers.

Introduction to the Internet for Teachers
http://www.massnetworks.org/~nicoley/tutorial
This site, provided by Nicole Yanelovich, is a collection of material to help teachers get started using the Internet in the classroom. The resources include information on how to get started and what to do once you get started. They also include an annotated list of links, organized by topic, that educators may find useful in beginning their search for material on the Internet. The list is by no means exhaustive.

I Teach
http://iteach.com
It is a new Website designed to support the needs of K-12 teachers with easy to use Internet tools and services. Teachers can easily create and post web pages for their students which can include contents such as class news, homework, guidelines on how students can do research on the Internet and interactive surveys, calendars and events. The teachers can also save their class activities and access their files from home or school.

K12 Planet
http://www.k12planet.com
This site is designed for parents to become involved in their children's education and successes at schools. It gives parents, students, and teachers secure access to individual student's data directly from a school's student information system. It's designed to help students, parents, and teachers communicate with each other using email.

K12 Practitioners' Circle
http://nces.ed.gov/practioners

This site is designed to make your search for National Center for Education Statistics (NCES) and selected U.S. Department of Education (ED) K-12 resources fast, easy, and productive. "The National Center for Education Statistics (NCES), in the U.S. Department of Education, is the primary federal resource for collecting and analyzing data related to education in the U.S. and other nations." As such, NCES offers a wealth of information for K-12 practitioners, which this Web site attempts to put within easy reach. Although practitioners comprise more than administrators, teachers, policymakers, librarians, and parents, this site is targeted towards those particular audiences.

Lamb's Technology Integration Ideas
http://eduscapes.com/techintegrate/index.html
This web page links to resources for students, parents, teachers, administrators, library media specialists, and technology coordinators.

Learning Gate
http://www.learninggate.com
This Web site was created to maximize the Internet usage and to further the communication and collaboration among students, teachers, and parents. It offers an interface designed to meet the needs of teachers and students. It has a complete suite of desktop tools and educational resources to aid teachers in educating the students.

Millennium Project
http://millennium.aed.org
The millennium project is an ongoing mediated discussion site. The main discussion is the ever-changing role of technology. The current discussion is on how the role of the teacher changes with technology.

Mission - Improving Student Achievement with Technology
http://www.rtec.org
The Regional Technology in Education Consortia (R*TEC) program is established to help states, local educational agencies, teachers, school library and media personnel, administrators and other education entities to successfully integrate technologies into kindergarten through 12th grade (K-12) classrooms, library media centers, adult literacy centers and other educational settings. In providing such help the Regional Technology in Education Consortia conducts regional activities that address professional development, technical assistance and information resource dissemination. Its goals are to promote the effective use of technology in education with special emphasis on meeting the documented needs of educators and learners in the region they serve, foster regional cooperation and resource sharing.

National Center to Improve Practice (NCIP) in Special Education through Technology, Media and Materials
http://www.edc.org/FSC/NCIP/
This is an outstanding site for administrators interested in gathering ideas and resources pertaining to the implementation of technology into special education programs. The library resources are exceptional. The primary goal of this organization is to cater technology for students with sensory, cognitive, physical and social/emotional disabilities.

National Center for Research on Evaluation, Standards, and Student Testing (CRESST)
http://cresst96.cse.ucla.edu/index.htm
Run out of UCLA, the National Center for Research on Evaluation, Standards, and Student Testing (CRESST) is one of the best sites on the web for K-12 educational research. You can find newsletters and technical reports (mostly in PDF format). While the reports generally deal with

research about alternative testing techniques (and are definitely worth reading because of that), several refer to the alignment between testing and standards (the NCTM standards, for example).

Networking Infrastructure for Education
http://www.ncsa.uiuc.edu/edu/nie
The National Science Foundation (NSF), through the Networking Infrastructure for Education (NIE) program explores the impact of networks on school communities. They describe efforts by the Education and Outreach Division of the National Center for Supercomputing Applications based on educational affiliations as a mechanism to introduce and support computational science in the K –12 curriculums. This is a very in-depth site with tons of information. Their main goals are to develop a sustainable approach t educational networking, determine appropriate bandwidths needed for educational applications, and evaluate the impact of high performance technologies in educational reform and improvement.

The Northeast Regional Technology in Education Consortium
http://www.nettech.org
A very well organized informational website. Net tech offers two different ways to view information pertinent to educators and administrators in schools: view information in the subject area of technology education or view resources by audience. The latter includes the categories of education leaders, technology coordinators, pre-service educators, curriculum coordinators and adult literacy providers. In addition the site includes definitions of terms and roles of the various administrative positions and gives examples of current projects in a variety of areas.

Online Schoolyard
http://www.onlineschoolyard.com/
This site contains school related activities to people of all ages. There are sections for kids, teens, adults and a section of miscellaneous content. Each area has entertaining features based on school subjects, issues and other things of interest to people in the appropriate age group.

Project Appleseed, the National Campaign for Public School Improvement
http://www.projectappleseed.org/appleframe2.html
Parents and supporters of Project Appleseed join together to organize parental involvement in order to improve public education. Project Appleseed is working with schools, families, employers and community organizations to develop local partnerships that support a safe learning environment where students can meet today's challenging standards. Project Appleseed believes that by collaborating ideas, exchanging information and brainstorming together everyone can have an integral part in the education process.

Putting Technology in the Classroom
http://www.sedl.org/pubs/tec24/welcome.html
This guide is intended for superintendents of small, rural school districts. The site explains how to develop a technology plan and explains how a school can afford the cost. This section provides administrators with many web sites for possible grant opportunities. The site also goes on to explain how teachers and staff can be prepared, how to provide equitable use, how to get troubleshooting help, and how to keep the system up-to-date.

Reinventing Schools - The Technology is Now!
http://www.nap.edu/readingroom/books/techgap/index.html
The National Academy of Sciences and National Academy of Engineering sponsored a convocation that had 100 speakers, many having a role in K-12 technology education. From the speakers, speeches and many other contributors, a website was created that supports the role of technology in

education. Within the site there are links that explain the Nintendo Generation, how technology is spreading except in schools, that when schools are connected the possibilities of learning are endless, training teachers in technology, and also how the government should assist but not control the technology revolution and much more. This site offers tremendous support that technology does benefit children in education.

Resources for Guiding Questions for Technology Planning
http://www.netc.org/cdrom/guide/html/gqres.htm
The layout of this site is different than most in that it poses common questions that technology coordinators or administrators might ask about technology planning for their school district. What is nice about this site is that it displays the question and then gives a list of sites that the user can visit that relate to answering that specific question. This is a very valuable tool to have when doing technology and curriculum planning.

Role of Administrators in Technology Integration
http://www.vived.com/administrators.htm
This site describes the role of the administrator when implementing technology. There are more links on this page. The other links describe the role of the student, parents, and community when implementing technology into schools.

Show Me Center
http://www.showmecenter.missouri.edu/
This site's purpose is to showcase and provide support for standards-based middle grades mathematics curricula in order to better teach the concepts through active engagement in relevant applications of the material. The site provides the curriculums, with FAQ's, publications and related links.

Teaching with Electronic Technology
http://www.wam.umd.edu/~mlhall/teaching.html
This resource site provides extensive links to virtually any aspect of the utilization of technology in education. The searchable categories provided include department specific material, library and museum listings, online journals, school homepages, as well as a plethora of other related websites.

Technology in the Classroom
http://www.telepath.com/edtechreview/
This site has an endless archive of issues pertaining to school technology. EdTech Review has many archived messages, downloads, and message boards to help administrators and faculty members integrate technology into their schools and classrooms. For teachers, this site has a classroom technology checklist that offers a self-help training guide to the basics of computing. The purpose of this site is to inform the educator of new hardware and software and how to incorporate the technology into the classroom.

The Technology Coordinator's Home Page
http://www.ac.wwu.edu/~ker/TCsite/home.html
This site offers information to educators who play a leadership role in integrating technology in educational settings. The primary purpose of this site is to catalog resources that can assist the technology coordinator or educator in integrating technology in a wider school context.

Technology Enriched Administrators: Integrating Educational Technology into Education
http://curry.edschool.virginia.edu/leaders

This site deals with Learning Modules and Training Modules for Administrators. It describes how to incorporate technology into education. If covers the issues concerning policy matters and tasks that an administrator has to deal with. There are case studies that can be viewed when you access this site. The case studies cover issues that administrators face when technology is integrated into schools.

Technology Integration for Administrators
http://www.edu.gov.mb.ca/metks4/tech/index.html
This is an interesting site for administrators to find out information about integrating technology. There are links about teaching and learning with technology, funding, resources, and planning.

Technology Planning - A Tool kit for Administrators and School Board Members.
http://www.netc.org/cdrom/toolkit/html/toolkit.htm
This section is for administrators and school board members who want to play a more active role in planning technology integration. The site offers quality information on the planning phase of technology information with the help of the school board.

Technology in the Schools: It Does Make a Difference!
http://www.education-world.com/a_admin/admin122.shtml
The article discusses how the government is spending large sums of money to wire schools, purchase technology, and train teachers. The article stated that research shows that student scores on both state tests and the National Assessment of Education Progress improved. The summary included specific examples of the technology helping math and science teachers at all grade levels. The article supported the cost and expense needed to implement technology in schools and concluded that the long-term cost of not including technology in the curriculum may prove to be devastating.

Technology and School Reform
http://riceinfo.rice.edu/armadillo/About/reform.html
We are moving into an information age. More and more, technology will shape the way we do our work. Our children are probably more comfortable with and familiar with technology than most of us. They need free access to technology and guidance in the profitable use of the information that they will be able to access with more facility than most of us who have the charge of educating them. Below are resources that speak to the problems of education and technology. This report focuses on some of the reasons why relatively few of this nation's 2.8 million teachers use technology regularly in their teaching; how teachers are prepared to use technology; what happens when they do use technology; and what factors influence technology integration in schools.

Technology and Young Children
http://www.techandyoungchildren.org
This site is dedicated to several aspects of technology with regard to children aged birth through eight years. This site is divided into five main areas: best educational practices, technology information exchange, research, funding technology, and Internet tips. This site is well organized and the information is very useful and updated.

U.S. Department of *Education - Planning and Evaluation Service The Integrated Studies of Educational Technology
http://www.ed.gov/Technology/iset.html
The ISET site performs studies that are designed to fill specific gaps in knowledge about educational technology and our schools. For example, policy makers do not have adequate answers to questions such as: What is the current state of the financial and technical support for the

implementation of educational technology, including the influence of the Technology Literacy Challenge Fund (TLCF) and the E-Rate programs? Which districts and schools have benefited from the TLCF and E-Rate programs and what is the role of these programs in supporting effective use of educational technology for improved teaching and learning? What is the current state of practice of professional development in educational technology? Under what circumstances does professional development in the instructional use of technology result in changes in teaching and learning?

Using Technology in Education
http://www.algonquinc.on.ca/edtech/
This site offers various links that discuss the current changes and trends in technology education. The overview expands on the necessity for innovation and creativity. It specifies that the demands of today include computer literacy, integration and use of technology. On the main page there are 3 different links that you can click on including, Using Technology in Education, Online Learning, and Educational Technology Connections. On the Using Technology in Education page, there are links on academic computing, multimedia in the classroom, multimedia design, using the web as a tool, etc. Each page is extremely informative, interesting and helpful.

VI. Technology Planning

Building Performance Communities
http://www.edmin.com/tp/tp_over.cfm
This site is an excellent source of information for any school beginning the process of technology planning. It offers an overview on technology, a maturity model, a TechBuilder, a toolbox used in planning, direct links to Microsoft Articles, various resources that will be useful in the planning process and links to E-rate.

CORONADO UNIFIED SCHOOL DISTRICT: TECHNOLOGY PLAN
http://www.coronado.k12.ca.us/Technology/techmain.html
This site provides the major aspects of the plan, which the school district in Coronado, California plans to under go starting in 1997 and finishing in 2000. While the parts of the plan resemble those of other sites I have found, the focus should be placed on the 'needs analysis' section of the plan. Here, the major effort will go into constructing a LAN (local area network) to 'bridge the gap' between the various buildings in the school system as well as places like the library. In addition, efforts will be made to ensure that each classroom has some sort of multimedia computer in it. Problems that are mentioned include fiscal and budgetary constraints and the ability to follow a prescribed timeline, but the biggest one of all perhaps is the one involving those teachers who are ultra-resistant to any kind of change in 'conventional' teaching methods.

Creating A School Web Site
http://www.naesp.org/comm/p0100b.htm
Only a few years ago, a school with its own Web site would have been a novelty. Today, many schools-perhaps including yours-have them. For those of you who plan to organize or expand a school Web site, this site can offer some helpful advice based on the author's experience as the web master for the Falmouth School District in Maine. The main advantage is communication. Disadvantages are copyrights, protecting students, updating, and getting visibility. Even though the disadvantages seem to outweigh the advantages. The advantage of creating a school web site far supersedes all the disadvantages combined.

Critical Issue: Developing a School or District Technology Plan
http://www.ncrel.org/sdrs/areas/issues/methods/technlgy/te300.htm
This site concentrates on how to develop a successful school or district technology plan. It discusses both obvious and hidden issues pertaining to the task, and then outlines steps to take and goals to form in order to implement the formulated technology plan. This site also includes links to several district's technology plans for review.

Critical Issues in Technology
http://www.ncrel.org/sdrs/areas/te0cont.htm
This site provides information on professional development for effective technology use, using technology to improve student achievement, developing a school or district technology plan, and using technology to enhance engaged learning for at-risk students. The supporting materials link list is extensive: planning and implementation guides, best use suggestions, step by step help for schools developing a comprehensive technology plan and provides detailed information on design, wiring, equipment, and physical infrastructure modifications necessary for implementing technology within a school.

Educational Technology Strategies
http://www.learner.org/edtech/
This site is link of the much larger Learner.org site. Learner.org was created by Annenberg/CPB, which is connected with PBS. The site offers interesting links (external and internal) on distance education, research and evaluation, and strategies for using educational technology.

ERIC Digest 135 – Becoming a Technology Savvy Administrator
http://eric.uoregon.edu/publications/digests/digest135.html
This site contains information on what administrators need to know about technology planning. It also offers information on school vision statements based on technology and the ever-important legal concerns facing administrators concerning technology. Funding information and Hot Links for more information is also provided.

Eschool News
http://www.eschoolnews.com
This site delivers the news and information on technology and Internet, helping the administrators to make better and more informed decisions. The site helps and administrator to become an authority on school technology and the Internet. The language is in laymen's terms, which makes it easy to read. The site teaches the best strategies and methods for solving the technology challenges that many schools face today.

How Well Is It Working? Customizing Your Technology Assessment
http://www.techlearning.com/db_area/archives/TL/200102/assess.html
This magazine article focuses on three 'case studies' from three different school districts (from New York, Indiana, and Arizona, respectively). It gives an account for how each school district underwent establishing, implementing, and assessing technology programs to enhance the educational process in the school. There also is a section that describes the various lessons learned from each of the school districts in their undergoing of this process, especially in light of assessment. Some of the lessons learned include: start planning from the very beginning, consider all stakeholders in the situation (parents, taxpayers, etc.), and assess more than once (i.e. it's an ongoing process).

Moving Ahead: Recommendations For The Future State Of Illinois K-12 Information Technology Plan
http://www.isbe.state.il.us/learn-technology/technopages/ncsa/ch3.html

Here exists a 'gung-ho' approach to implementing technology in the classroom in the Illinois K-12 school system. While the proponents do note that the '3 R's' and other 'traditional' means of educational approach are important, the use of technology will further 'bridge the gap' between the concepts learned in the classroom and 'real life' through one's ability to know which software to use and how to use it to solve a given problem.

New Technology Standards for School Administrators
http://www.nytimes.com/2000/12/27/technology/27EDUCATION.html
This article is from The New York Times Technology site and discusses the importance of administrators with technology. The author, Rebecca Weiner, indicated that teachers and technology are the usual emphasis in education; however, there won't be standards unless everyone is involved. This author also discusses that teachers have implemented school-based technology programs, but the program will not be completely successful without district-wide coordination. This is the administrator's role. Many organizations are pushing to develop technology standards for students and teachers. The author feels that it is important for leaders of our schools to have a depth of information about technology.

Niles Township High School District 219 Technology Plan 2000 - 2003
http://www.niles-hs.k12.il.us/technology/TechnologyPlan.PDF
This PDF file, which is to be downloaded, gives a summary of the 'state of technology' in the Niles School District in Illinois. It focuses on four 'key' themes - each of which is summarized in the 'tabular-format' plan given at the end of the paper. These four themes are 'community involvement' (how to involve the people who reside in the district so that they will be aware of the need for technology), 'engaged learning' (how to balance technology with 'traditional' teaching methods so that the students will be actively involved in the learning process), 'professional development' (how to arrange for workshops and training sessions to familiarize faculty and staff with hardware and software), and 'technology deployment' (how, when, and what technology to install). Each of these four themes are then summarized in each of the three steps of the plan.

Office of Educational Technology
http://www.ed.gov/Technology
This site is dedicated to assisting the educational community in meeting the national goals for educational technology. This site offers information on grants, Federal and non-federal resources, reports, conferences and speeches. It also provides updated headlines on educational concerns such as, Budgets and Legislation, Digital Divide, Distance Learning, Evaluation and Assessment, International, and Internet safety. The site is well organized and information is easy to access.

Teacher Evaluation: New Directions and Practices
http://www.teacherevaluation.net
This is a site that will keep you up to date on the latest Practices and Principles of Education and Teaching. It also includes various pre-designed forms including surveys, reports, achievement, teacher evaluation, and other useful forms that can be printed and copied.

Technology Plan For Amherst, Mass. School District
http://amherst.th.net/techplan/1.htm
This is a series of eight Web pages (labeled 1.htm through 8.htm), which provides the philosophy and plans for technology integration in several of the schools in this district. Out of the eight pages, the third one (3.htm) is probably the one, which deals with the issues most pertinent to EDC 707. This page talks about various software and programs which are used by the faculty, in a number of different disciplines and how some sort of administrative-related initiative was required for use of that particular software to become a 'reality' rather than just an 'idea.' These administrative actions

include the training of faculty in the use of the software (or the hiring a tech support staff) as well as procuring funding via some sort of grant.

Technology Plan For Somerdale School District
http://www.ccts-ettc.org/somerdale/technologyplan.htm
This is a site where an administrator looking for insight on how to implement a tech plan can see how a particular school district did it. It includes everything from the goals to the actual computer specifications desired by the district.

Technology Planning
http://www.netc.org/cdrom/guide/html/gqres.htm
The layout of this site is different than most in that it poses common questions that technology coordinators or administrators might ask about technology planning for their school district. What is nice about this site is that it displays the question and then gives a list of site that the user can visit that relate to answering that specific question.

Technology Planning - A Tool kit for Administrators and School Board Members.
http://www.netc.org/cdrom/toolkit/html/toolkit.htm
This section is for busy administrators and school board members who want to play a more active role in planning technology integration. Overseeing and facilitating the development of a technology plan is a primary responsibility for administrators and school board members. I especially like this site because it also focuses on board members as well as administrators.

Technology Planning for K12 Education
http://www.tcet.unt.edu/tek-plan.htm
Providing access to resources that will help school districts in their efforts to plan for the implementation and use of technology in teaching and learning activities is what this site is used for. There are several links that provide more specific information about aspects of integrating technology into the curriculum.

The Center for the Study of Technology and Society
http://www.tecsoc.org
The Center is a nonprofit research and educational organization based in Washington, D.C. It studies the myriad social implications of advancing technology – and has a special page dedicated to the effects technology has on education.

The Role Of The School Business Manager In Tech Planning
http://www.nctp.com/Sch.Bus.Mgr.html
This site gives an overview of how the Business Mgr. of a school district should be included in the technology planning of a school district, from the initial plan to the implementation of the plan. Their insight can give valuable information as to what a district can afford to do and not to do.

Tips for Technology Planning
http://projects.scrtec.org/~techplan/admin.html
This is a small site listing 13 "tips" on technology planning. The tips are aimed for administration's review and utilization.

Voorhees, New Jersey School District Educational Technology Plan: 1997-2002
http://vtsd.voorhees.k12.nj.us/et2002.htm
This site is about the Voorhees, New Jersey School District is the subject of this Web site. Each of the pages in this site elaborates on a specific aspect of the 'five-year plan' the district has with the

goal of technology integration into the school's curriculum. There is an introduction and executive summary, in addition to a 'planning process' page that describes not only 'where Voorhees is headed' but also 'where it has come from'. It goes back as far as the 1980's when technology was in its 'fledgling' state and progressing through the 1990's, describing certain 'breakthroughs' like the hiring of certain staff, establishing of relationships with computer industries, and the procurement of funding from various types of grants. There is also an action' plan' page that states the goals of the plan in terms of time frames and cost allocation.

VII. Professional Organizations

Agency for Instructional Technology
http://www.ait.net
AIT is a nonprofit education, which is the largest provider of instructional TV programs. Currently they offer 150 products that include nearly 2,500 separate titles.

American Association of Educational Service Agencies (AAESA)
http://www.aaesa.org/
AAESA is a professional organization, serving education service agencies (ESAs) in 33 states. Education service agencies provide schools and other clients with cost-effective, responsive and innovative programs and services. ESAs serve as partners with clients to support their educational missions. Public funded agencies, ESAs are founded in statute and organized on a regional basis. ESAs reach out to preschoolers, school-age students, adult learners and educators. The educational support program is a service provided to local schools or school districts that is necessary for the operation of the school system. Examples of support programs include professional staff and curriculum development, financial, personnel, transportation, food, custodial, data processing, testing and assessment, special education, printing, media, purchasing, and other programs traditionally associated with central office administration.

American Center for the Study of Distance Education
http://www.ed.psu.edu/acsde/aboutacsde.asp
This site offers a brief history of the Center, describes its purpose and origin. Introduces it's founder and offers links to different readings in distance education, it's publication: Research Monograph services, and it's monthly electronic journal: The Distance Education Online Symposium. There is also a listserv, DEOS-L, available to for anyone interested in current issues in education across the globe.

American Educational Research Association (AERA)
http://www.aera.net/
The American Educational Research Association is concerned with improving the educational process by encouraging scholarly inquiry related to education and by promoting the dissemination and practical application of research results. AERA is the most prominent international professional organization with the primary goal of advancing educational research and its practical application. There are 22,000 administrators; directors of research, testing or evaluation in federal, state and local agencies; counselors; evaluators; graduate students; and behavioral scientists. AERA is concerned with improving the educational process by encouraging scholarly inquiry related to education and by promoting the dissemination and practical application of research results.

Apple Learning Interchange
http://ali.apple.com

Apples best way to reach as man educators/administrators as possible is found here at the ALI. After signing up for a username and password, you are eligible to join in the many different discussion groups ranging from elementary education to higher Ed. Each member is capable of personalizing his/her own site to include info relevant to his or her interests. All links have a "news and discussion group" and the site offers the Apple Learning Series. This series involves both the educator and students to test software and projects in their classrooms.

Center for Technology in Teaching and Learning
http://cttl.rice.edu
This site is a direct link into Rice University. It was established in 1995 and describes projects, presentations, publications and resources available to the public that describe ways that Technology help education. There is a "team" that has been set up to help update site and the information that is available.

Classroom of the Future at the Center for Educational Technologies
http://www.cotf.edu
The Classroom of the Future (COTF) program is helping to bridge the gap between America's classrooms and the expertise of NASA scientists who've advanced the frontiers of knowledge in virtually every field of science over the last forty years. The Erma Ora Byrd Center administers the COTF program for Educational Technologies at Wheeling Jesuit University in Wheeling, West Virginia. The COTF serves as the National Aeronautics and Space Administration's (NASA's) premier research and development program for educational technologies. In this capacity the COTF develops and conducts research on technology-based learning materials that challenge students to solve problems by using datasets and other information resources. This information is provided by the five strategic enterprises of NASA: AeroSpace Technology, Human Exploration and Development of Space, Earth Science Enterprise, Space Science, and Biological and Physical Research.

Clearinghouse on Elementary and Early Childhood Education
http://ericeece.org
Offers access to the National Parent Information Network created as a site that offers on-line resources for parents, along with access to other on-line publications. There are links special topic areas, a FAQ (frequently asked question) link, LISTSERV discussion groups and a conference calendar that is updated regularly.

Consortium for School Networking (CoSN)
http://www.cosn.org
CoSN promotes the use of technology to connect or network the schools through the use of telecommunications equipment. This site explores the "Total Cost of Ownership" with technology in schools. CoSN will help explain the details about the federal funded E-Rate with links to other pages. In addition, CoSN will also post current conferences and workshops around the nation.

CREN | Corporation for Research and Education Networking
www.cren.net
This is a non-profit, member-based IT support for research and educational institutions web site. The membership includes over 220 universities, colleges, and research organizations. They have a FAQ section on the core concepts and strategies of emerging technologies. These provide quick conceptual resources for academic leaders.

Eschool News
http://www.eschoolnews.com

This site delivers the news and information on technology and Internet, helping the administrators to make better and more informed decisions. The site helps and administrator to become an authority on school technology and the Internet. The language is in laymen's terms, which makes it easy to read. The site teaches the best strategies and methods for solving the technology challenges that many schools face today.

IDEA Practices
http://www.ideapractices.org
The IDEA (Individuals with Disabilities Education Act) Partnerships are four national projects funded by the U.S. Department of Education. The partnership works to carry out the 1997 legislation by working with both educators and families. The site provides legal documentation in PDF (Portable Document Format), mailing lists, training and development resources and links to related websites. This requires Adobe Acrobat be installed on your system.

MCREL Funding for Technology
http://www.mcrel.org/products/tech/technology/funding.asp
This site is a private not-for-profit organization whose purpose is to support improvement in education. They offer many publications for each subject area in K-12 education, a well as conducting research and evaluations to examine different policies and practices in education.

Nation Center for Technology Planning
http://www.nctp.com
The NCTP serves as a repository for all types of planning information such as checklists, brochures, sample planning forms, and PR announcement forms. Its services are predominately geared towards education but it also provides support for businesses, government and military contracts. All planning resources must be bought from the site.

National Association of Elementary School Principals
http://www.naesp.org
This site highlights important updated issues that face elementary principals. The site's government relation page is exceptional. Not only can you find current information about governmental policies toward education; the NAESP encourages and allows you to take action. The site presents regular reports from NAESP on the latest news in education from Capitol Hill and state newspapers. It also allows you take action today and e-mail your Senators and House Representatives with your views on education legislation.

National Association Of Secondary School Principals (NASSP)
http://www.nassp.org/index1.html
The National Association of Secondary School Principals (NASSP); the awards recognize middle and high school principals across the country who have implemented new technology initiatives in their schools. 16 principals in the U.S. were recognized with an award. To be considered for the award, principals submitted essay applications that detailed the impact that their technology initiative had on student learning, professional development or school community as a whole. Applications were judged on the following criteria: planning and implementation of the technology initiative, commitment to true technical excellence, overcoming barriers such as lack of resources and either a demonstrated or anticipated statement of impact.

National Association of State Boards of Education
http://www.nasbe.org
NASBE is a non-profit, private association that represents state and territorial boards of education. Their principal objectives include strengthening state leadership in educational policy making,

promoting excellence in the education of all students, advocating equality of access to educational opportunity and assuring continued citizen support for public education. Members are responsible for the educational interests of more than fifty million students in public schools and more than three million students in post-secondary institutions. NASBE is governed by an elected board of directors and elected and appointed committees that formulate its yearly resolutions, bylaws, nominations and budget. Dues from member states augmented by public grants and private support finance their activities. Membership dues are based on student population and are paid by the state for its board.

NEA Foundation for the Improvement of Education
http://www.nfie.org
This organization is a branch of the National Education Association. The NFIE conducts research in order to better education for all students and publishes reports on its findings. The site showcases all publications, contains links to similar sites and other resources, and provides grants and programs for participating educators.

Tech Corps
http://www.ustc.org
TECH CORPS was founded as a national nonprofit to challenge Americans to help build the technology infrastructure of our nation's schools. Their mission is to provide all students with equal access to programs and resources to enrich their educational process.

Technology Planning for K12 Education
http://www.tcet.unt.edu/tek-plan.htm
Providing access to resources that will help school districts in their efforts to plan for the implementation and use of technology in teaching and learning activities is what this site is used for. There are several links that provide more specific information about aspects of integrating technology into the curriculum.

Technology Standards for School Administrators (TSSA)
http://www.iste.org
ISTE is a nonprofit professional organization with a worldwide membership of leaders and potential leaders in educational technology. We are dedicated to promoting appropriate uses of information technology to support and improve learning, teaching, and administration in K-12 education and teacher education. ISTE's role is leadership-we provide our members with information, networking opportunities, and guidance as they face the challenge of incorporating computers, the Internet, and other new technologies into their schools.

The Association for Supervision and Curriculum Development
http://www.ascd.org
The Association for Supervision and Curriculum Development is an international, nonprofit, nonpartisan association of professional educators. Members contribute a profound commitment to the improvement and excellence in education. This site includes upcoming conferences on technology and learning, videos, articles, and surveys all pertaining to education, administration, and curriculum for several states. Although New York is not one of this site's affiliate states; there are some excellent resources particularly in the area of curriculum.

The Center for the Study of Technology and Society
http://www.tecsoc.org

The Center is a nonprofit research and educational organization based in Washington, D.C. It studies the myriad social implications of advancing technology – and has a special page dedicated to the effects technology has on education.

The School Administrator
http://www.aasa.org/publications/sa
This is a publication produced by the American Association for School Administrators that addresses current issues in technology in education. It is an excellent source for updated, current information for administrators in schools.

The School Administrators Association of New York State
http://www.saanys.org/
The School Administrators Association of New York State (SAANYS) is a professional association for school leaders. SAANYS goals are to provide leadership and support to members in order to improve the quality of education in New York State schools. Members are encouraged to utilize the "Members Only" area to take advantage of the services that are provided as a reward of being a member. The general public is encouraged as well to navigate the Events area and the Newsroom to acquire information on education and school leadership.

The School Administrators Association of New York State (SAANYS)
http://www.saanys.org/index.cfm
Improving the quality of education and leadership are two of the major goals of school administrators in New York State. This site is committed to providing appropriate resources for all administrators who are striving to complete those goals. This site includes a newsroom link that contains articles and archives dealing with administrative issues. There is also an event page that lists statewide and regional conferences and board meetings. An e-forum is provided so questions can be posted to the association.

United States Distance Learning Association
http://www.usdla.org/index.html
The USDLA serves as an advocate for the greater distance learning community in order to promote the advancement of the medium. Distance learning is used by Pre-K through grade 12 education, higher education, home school education, continuing education, corporate training, military and government training, and telemedicine. The site contains forums for its members, training, sponsored events and other industry news.

VIII.	Acceptable Use Policies

Internet Filters; Beware the Cybercencors
http://www.rethinkingschools.org/Archives/12_04/net.htm
Some of the major filtering software products are CYBER sitter, Cyber Patrol, Net Nanny, BESS, X-Stop, Smart Filter and Safe Surf. The software is produced by private companies which, in order to protect and sell their product, don't want to be too specific about how the software works or release a list of what sites are blocked. If you are looking to purchase an Internet filter, I think you will find this article interesting. Internet filters have become common in most schools and are a very important part of the technology plan.

Internet Filtering
http://www.techlearning.com/content/speak/articles/filter.html

This site offers a discussion forum that focuses on Internet filtering. It covers both sides of the argument and allows for individuals to submit their responses. Some questions include: What has been your experience with Internet safety in your school? Does your school use filtering technology?

Responsible Netizen
http://netizen.uoregon.edu
This site contains materials to assist school districts in the development of effective Internet Policies and practices. The site includes information about site, a legal and educational analysis of K-12 acceptable use policies, and templates for school board policy.

Safeguarding the Wired School House
http://www.safewiredschools.org
This non-profit organization work in conjunction with CoSN. The article was recently published in the New York Times. It contains a checklist with what should be "appropriate content" for districts Internet service. Safeguarding will provide the administrator with numerous questions and answers as to who should access the Internet and why. (i.e.. "How will students use the internet?" Should different standards apply to the age of the student?" etc.)

School Law Page
http://home.earthlink.net/~jhholly/schoollaw.html
This site provided legal references for school administrators. It has a searchable database with court cases that pertain to the educational environment. This site even contains an acronym lookup table.

IX.	Web Portals

ASD.com (American School Directory, Connecting Families and Schools)
http://www.asd.com
This website can be a valuable link for administrators to other school districts and as a link to their students' homes. An administrator can find vital school information on all 108,000 K-12 schools in America. Any user can view calendars, menus, contact information, wish lists and even student artwork from a specific school. By doing an advanced search, K-12 schools can be identified by city or town, county or zip code. Schools who participate in this service can offer a "School Payment Center." This service allows a family to order school activities and products online from home and pay for it by credit card with the safety of a secure server.

Cumrec
www.cumrec.org
CUMREC is the Higher Education Administrative Technology Conference. The purpose of CUMREC is to provide a forum for higher education professionals to share their expertise and experiences with computer systems in our ever-changing world of technology. The CUMREC Annual Conference, founded in 1956, is the longest running continuing conference devoted to promoting the understanding and use of information.

Education-World
http://www.education-world.com/a_admin
In the spring of 1996, the founders of Education World recognized the need for a Web site that would make the Internet easier for educators to use. They wanted to create a home for educators on the Internet, a place where teachers could gather and share ideas. They created an information source on the Web with news from USA Today, monthly site reviews and employment listings to

keep educators up to date. They created original content such as lesson plans, articles written by education experts and information on how to make the best use of technology in the classroom. The result is Education World, the Educator's Complete Resource Guide to the Internet. With 95% of the nation's public schools expected to be online by the year 2000, the need for a complete online educational guide is evident.

Educational Technology Services: Administrators on the net
http://www.esc20.net/techserv/workshops/admin
Administrators can find resources on assessments, grants, funding, and technology. These links are all based in the Texas education system. They can easily give guidance to administrators from any state education system.

Federal Resources for Educational Excellence
http://www.ed.gov/free
This site lists hundreds of free educational sites for all educators across the curriculum. The links include connections to the Arts, Educational Technology, Foreign Languages, Health and Safety, Language Arts, Mathematics, Physical Education, Science Social Studies and Vocational Education. The Educational Technology link has information on digital classrooms, Classroom of the Future Programs, Library of Congress catalogs and more.

Global Schoolhouse
http://www.gsn.org
This site is useful for an administrator because he / she can access several different types of educational resources: collaborative projects, communication tools, and an improved professional development area. In addition, the Global Schoolhouse is a provider of curriculum-based educational software and Internet products and services, is guided by a simple principle; there is no limit to what students can achieve when provided with tools that motivate them to learn.

Important Resources for Development of Technology Standards for School Administrators
http://cnets.iste.org/tssaresource.htm
The preceding resources represent current thoughts from educational publications regarding what administrators should know about and be able to do with technology and what leadership qualities facilitate use of technology in schools to improve student learning. They have been used at the TSSA Forum meetings as pre-reading material for those participating in the development of a national consensus on technology standards for school administrators. There are also many links for national technology standards and other administrative services.

InTech2000 Making Technology Happen Hot Links for School Administrators
http://intech2000.miamisci.org/adminlinks/technology.html
This site offers links for professional development and organizations such as National Center for Technology Planning and Institute for the Transfer of Technology to Education. There are also links to grant information, curriculum resources, and educational policy and research.

National Association of Elementary School Principals
http://www.naesp.org
The main purpose of the NAESP is to lead in the advocacy and support for elementary and middle level principals and other education leaders in their commitment to education. This site offers: new, conventions, membership, research, services and several related links. This site also provides an online principal message board that allows several principals to communicate with each other. It includes open forums, educational trends, student activities, members, job openings and archives.

National Education Goals Panel
http://www.negp.gov
The NEGP's site offers a variety of resources to help you learn more about the National Education Goals and each state's progress toward them. The web site also offers information on the Panel and its activities and other information surrounding education improvement efforts across America. This site also offers individualized state scorecards as applied to National Education goals, gives state comparisons, gives year-to-year focuses on key issues related to goal achievement, and offers various publications related to Goal achievement.

Networking, Local Area Networks and World: Wide Web Resources for K-12 Educators
http://falcon.jmu.edu/~ramseyil/network.htm
This networking site for K-12 educators consists of seven subject areas that branch off to hundreds of links. In the first section you will find information on Internet & World Wide Policies. Next, there is the "Local Area Networks (LAN)" area. This section provides information of K-12 Networking. One very helpful area is "Ergonomics for Library Media Centers Avoid Physical Injuries with Computers." This site also includes Resources for Teaching Information Technology and Computer Technology Resources. Lastly, the areas of "Netlingo" and "TechWeb Technology Encyclopedia" help you to define computer and network terms.

Satir-Ritas – School Administrators Technology Integration Resource
http://www.satir-ritas.org/topic/default.asp?topicid_&MoreRecs=1&CurStart!
This site offers web links for the School Administrator or Tech-Coordinator to articles ranging from teacher professional development to interactive webs projects. Even though the role of the administrator is significantly different than that of the teacher it is imperative that students and teachers use technology effectively and this site is a definite help with that.

Technology in Schools Program
http://www.unimelb.edu.au/tisp
Technology in Schools Program website is from the University of Melbourne in Australia. This site provides links to a variety of topics and ideas such as exemplary classroom practices, why technology is effective, Internet projects and resources, kids' projects and Technology in Schools Program (TISP) News. The TISP website allows educators to read about, learn, and incorporate technology education into their classroom from the Australian point of view, which of course is in agreement with our technology education beliefs.

TENET WEB: Jump Start for Administrators
http://www.tenet.edu/jumpstart/admin.html
The TENET Webs purpose is to provide useful, up-to-date resources for the education community, including teachers, administrators, parents and students. This site provides links to information on funding, technology, and school policies, to general interest.

The K-12 Administrator's Home
http://www.administrators.net
This site allows you to "network" with other school administrators, post ideas, and gain potential new ideas. This site includes a forum for administrators, forty-five teacher oriented forums, according to grade or subject area, a catalog, and an administrative mail-ring.

The Official Web Site of the Association of California School Administrators
http://www.acsa.org
This is a great "Administrative" site that could be used as a resource and model to any school administrator. The site offers a membership, state information, ACSA departments/ staff,

administrative job listings, publications, and legislation. "The mission of ACSA is to: support California's educational leaders; ensure all students have the essential skills and knowledge needed to excel; and champion public education.